49403 Molded Cable Assemblies - Modular Keyboard Assembly

Obsolete
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1-800-Belden1

See Put-ups and Colors

Description:

6-position modular retractile, used to rapidly interconnect electronic computers and business machines, foil shield, polypropylene insulation, polyurethane jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	5
Total Number of Conductors	5
Number of Pins	6
AWG	26
Stranding	19x38
Conductor Diameter	.51 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PP - Polypropylene
Nom. Insulation Wall Thickness	0.006 in.

OUTER SHIELD:

Outer Shield Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield %Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	26
Outer Shield Drain Wire Stranding	19x38
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PUR - Polyurethane
Outer Jacket Nominal Wall Thickness	0.03 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.097 x .255 in.

ASSEMBLY DIMENSIONAL CHARACTERISTICS:

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Assembly Dimensional for Retractile Coil Body Length (relaxed)	15 in.
Assembly Dimensional For Retractile Coil Body Length (extended)	67.5 in.
1st End Tail Length	1.5 +/- .5 in.
2nd End Tail Length	1.5 +/- .5 in.

CONNECTOR CHARACTERISTICS:

FIRST END :

Connector Characteristics - First End Connector Type	Modular
Connector Characteristics - First End # of Connector Contacts/positions	6

SECOND END :

Connector Characteristics - Second End Connector Type	Modular
Connector Characteristics - Second End # of Connector Contacts/positions	6
Wiring	Straight Wired

WIRING DIAGRAM:

Wiring Diagram Color Code Chart :

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Drain Wire

MECHANICAL CHARACTERISTICS:

UL Temperature Rating	60°C (UL AWM Style 20197)

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

AWM Specification	UL Style 20197 (30 V 60°C) (cable only)

APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

PLENUM/NON-PLENUM:

Plenum (Y/N)	N

ELECTRICAL CHARACTERISTICS:

Max. Operating Voltage - UL	30V (UL AWM Style 20197)

NOTES:

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Notes	Positive locking latch prevents connector from vibrating loose. Polarized connector prevents improper insertion. No tools required for installation. A longitudinal aluminum/polyester shield protects against ESD and EMI.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
49403 010S2	6 POS MOD RET CABLE RI47867	S2	0.48	BLACK	

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